

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY



48 OKA

APPLICATION FOR PERMIT
TO CONSTRUCT A RESERVOIR AND TO STORE FOR BENEFICIAL USE
THE UNAPPROPRIATED WATERS OF THE STATE OF WASHINGTON

\$10.00 MINIMUM STATUTORY FILING FEE REQUIRED WITH APPLICATION
(GRAY BOXES FOR OFFICE USE ONLY)

APPLICATION NUMBER R4-34557	W.R.I.A. 48	COUNTY OKANOGAN	PRIORITY DATE JULY 19, 2001	TIME	ACCEPTED
APPLICANT'S NAME Bernard m Thurlow and Sue D. Thurlow			TELEPHONE NUMBER (509) 997-2147		
DATE AND PLACE OF INCORPORATION IF APPLICANT IS A CORPORATION N/A					
ADDRESS (STREET) Rt. 1, Box 790		(CITY) Twisp	(STATE) Wa.	(ZIP CODE) 98856	

1. SOURCE, USE, AND CAPACITY OF RESERVOIR

NAME OF PROPOSED RESERVOIR Thurlow Lake	
NAME OF STREAM OR OTHER SOURCE FOR RESERVOIR SUPPLY Thurlow Number Five Ditch	TRIBUTARY OF Beaver Creek, Frazier Creek
USE(S) TO BE MADE OF IMPOUNDED WATER (IRRIGATION, POWER, FISH PROPOGATION, ETC.) Continuous, year round, flood & storm water control, storage & use for all beneficial purposes to include irrigation, free flowing livestock, domestic, and ground water recharge	
NUMBER OF ACRE FEET TO BE STORED AT MAXIMUM OPERATING LEVEL 28.7 Acre Feet	
MONTHS OF YEAR DURING WHICH RESERVOIR IS TO BE FILLED Continuous year-round Twelve months storage	

NUMBER OF ACRES TO BE IRRIGATED, IF USED FOR IRRIGATION 79.58 Acres plus future beneficial use on Thurlow Ranch
TYPE AND CAPACITY OF DIVERSION WORKS IF WATER IS TO BE WITHDRAWN Ditch, Pipe and Pump of Sufficient Capacity

2. LOCATION OF POINT OF DIVERSION OR WITHDRAWAL

ON ACCOMPANYING PLATS OR MAPS, ACCURATELY MARK AND IDENTIFY EACH POINT OF DIVERSION. GIVE MEASURED DISTANCE AND BEARING, OR NORTH-SOUTH AND EAST-WEST DISTANCES FROM NEAREST SECTION CORNER.

COMPLETE EITHER A OR B	A	THE RESERVOIR IS TO BE LOCATED IN THE CHANNEL OF (NAME OF STREAM)		
	B	THE RESERVOIR IS TO BE FILLED THROUGH A FEEDER CANAL (OR PIPELINE) HAVING ITS POINT OF DIVERSION (INTAKE) LOCATED AS FOLLOWS		
DISTANCE AND BEARING TO SECTION CORNER A few feet west of the NE Corner of the SW 1/4 of the SE 1/4 of Section 11, Township 33N, Range 22 Ewm.				
LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION)	SECTION	TOWNSHIP N.	RANGE (E. OR W.) W.M.	COUNTY
NE 1/4 of NE 1/4 of SW 1/4 of SE 1/4	11	33 N	22 Ewm	Okanogan

3. IF THIS IS WITHIN THE LIMITS OF A RECORDED PLATTED PROPERTY, COMPLETE THIS SECTION

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)

4. LOCATION OF IMPOUNDING STRUCTURE

IMPOUNDING STRUCTURE LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION)	SECTION	TOWNSHIP N.	RANGE (E. OR W.) W.M.
NE 1/4 and SE 1/4 of SE 1/4	23	33 N	22 Ewm
LEGAL SUBDIVISION OF LANDS IN WHICH THE SUBMERGED AREA IS TO BE LOCATED (THE OUTLINE OF THIS LAND IS TO BE SHOWN ON THE MAP TO ACCOMPANY THIS APPLICATION) Please See Attached Map			

DO YOU OWN THIS PROPERTY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	IF NO, HAVE YOU SECURED FLOOD RIGHTS FOR LANDS TO BE INUNDATED <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO - Thurlow and P.L. Filer Put water in Thurlow Lake since 1891.
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5. CONSTRUCTION OF IMPOUNDING STRUCTURE

HEIGHT OF DAM (FEET)	LENGTH ON TOP (FEET)	LENGTH ON BOTTOM (FEET)	WIDTH ON TOP (FEET)
This is a	natural	depression or pothole	- no construction

SLOPE OF FRONT OR WATER SIDE (NUMBER OF FEET HORIZONTAL TO ONE FOOT VERTICAL)	SLOPE OF BACK SIDE (NUMBER OF FEET HORIZONTAL TO ONE FOOT VERTICAL)
HEIGHT OF DAM ABOVE WATER LINE AT MAXIMUM FLOOD FLOW (FEET)	TYPE OF CONSTRUCTION OF DAM AND MATERIAL OF WHICH IT IS TO BE BUILT

Please See Attached SCS NOTES.

LOCATION AND DIMENSIONS OF SPILLWAYS (STATE WHETHER OVER, AROUND, OR THROUGH DAM)

No Constructed Spillways - excess water has run over low spot on North Side of Lake down Finley Canyon for ^{over} 100 years

NUMBER OF ACRES TO BE SUBMERGED BY RESERVOIR WHEN FULL Approx 5.7 Acres.	MAXIMUM DEPTH (FEET)	APPROXIMATE AVERAGE DEPTH (FEET)
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ESTIMATED COST OF PROPOSED WORK	CONSTRUCTION WILL BEGIN ON OR BEFORE (DATE)
CONSTRUCTION WILL BE COMPLETED ON OR BEFORE (DATE) No Construction	

SIZE AND TYPE OF OUTLET STRUCTURE

Natural Low Spot on North Side of Lake.

6. **LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED (IF DIFFERENT THAN ABOVE)**

COPY LEGAL DESCRIPTION FROM DEED; OR ATTACH COPY OF DEED. TAX STATEMENT DESCRIPTIONS ARE NOT ACCEPTABLE. ALSO OUTLINE THIS PROPERTY ON THE MAPS OR PLATS SUBMITTED WITH THIS APPLICATION.

Maps are attached.
 N 1/2 of NE 1/4, SW 1/4 of NE 1/4, NW 1/4 of SE 1/4 of Sect. 26,
 T. 33N, Range 22 EWM

DO YOU OWN THIS PROPERTY <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	IF NO, GIVE NAME AND ADDRESS OF OWNER
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REMARKS

At a hearing at Chehalis, Wa., the Dept. of Ecology stated that our application to store water in Thurlow Lake would be approved.

Bernalm Thurlow

Sue Deanne Thurlow

SIGNATURE OF APPLICANT

STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

} ss.

This is to certify that I have examined the foregoing application together with the accompanying maps and data, and return the same for correction or completion as follows:

In order to retain its priority, this application must be returned to the Department of Ecology, with corrections, on or before, 19.....

Witness my hand this day of, 19.....

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Department of Ecology